

N O T I C E

THIS DOCUMENT HAS BEEN REPRODUCED FROM
MICROFICHE. ALTHOUGH IT IS RECOGNIZED THAT
CERTAIN PORTIONS ARE ILLEGIBLE, IT IS BEING RELEASED
IN THE INTEREST OF MAKING AVAILABLE AS MUCH
INFORMATION AS POSSIBLE

8.1 - 10060

EW-LO-00704 CR-162843
JSC-16381

OCT 16 1980

AgRISTARS

"Made available under NASA sponsorship
in the interest of early and wide dis-
semination of Earth Resources Survey
Program information and without liability
for any use made thereof."

Early Warning and Crop Condition Assessment

A Joint Program for
Agriculture and
Resources Inventory
Surveys Through
Aerospace
Remote Sensing

September 1980

TAPE MERGE/COPY PROCESSOR

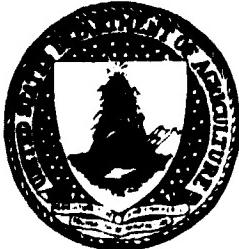
S. O. O'Brien

(E81-10060) TAPE MERGE/COPY PROCESSOR
(Lockheed Engineering and Management) 11 p
AC A02/MF A01 CSCL 05B

N81-13417

Unclass
G3/43 00060

Lockheed Engineering and Management Services Company, Inc.
Houston, Texas 77058



NASA



Lyndon B. Johnson Space Center
Houston, Texas 77058

1. Report No. JSC-16381; EW-L0-00704	2. Government Accession No.	3. Recipient's Catalog No.	
4. Title and Subtitle Tape Merge/Copy Processor		5. Report Date August 1980	
		6. Performing Organization Code	
7. Author(s) S. O. O'Brien Lockheed Engineering and Management Services Company, Inc.		8. Performing Organization Report No LEMSCO-15356	
9. Performing Organization Name and Address Lockheed Engineering and Management Services Company, Inc. 1830 NASA Road 1 Houston, Texas 77058		10. Work Unit No.	
		11. Contract or Grant No NAS 9-15800	
12. Sponsoring Agency Name and Address National Aeronautics and Space Administration Lyndon B. Johnson Space Center Houston, Texas 77058 <i>J. D. Cochran, Tech. Rep.</i>		13. Type of Report and Period Covered Procedures Document	
15. Supplementary Notes		14. Sponsoring Agency Code	
16. Abstract The purpose of the TAPMRG processor is to merge or copy data files from one or more tapes onto a single output tape.			
17. Key Words (Suggested by Author(s)) Foreign tapes Merge Copy		18. Distribution Statement	
19. Security Classif. (of this report) Unclassified	20. Security Classif. (of this page) Unclassified	21. No. of Pages 12	22. Price*

*For sale by the National Technical Information Service, Springfield, Virginia 22161

EW-LO-00704
JSC-16381

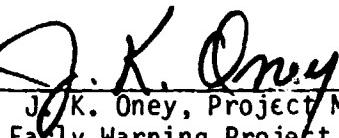
TAPE MERGE/COPY PROCESSOR

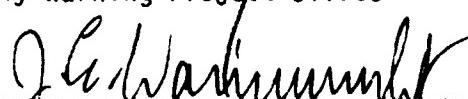
Job Order 73-368

PREPARED BY

S. O. O'Brien

APPROVED BY


J. K. Oney, Project Manager
Early Warning Project Office


J. E. Wainwright, Manager
Development and Evaluation Department

LOCKHEED ENGINEERING AND MANAGEMENT SERVICES COMPANY, INC.

Under Contract NAS 9-15800

For

Earth Observations Division
Space and Life Sciences Directorate
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
LYNDON B. JOHNSON SPACE CENTER
HOUSTON, TEXAS

August 1980

LEMSCO-15356

1. GENERAL INFORMATION

1.1 SYSTEM NAME

TAPMRG

1.2 PRIMARY USER

Early Warning Crop Condition Assessment Project personnel.

1.3 DEVELOPING ORGANIZATION

Lockheed Engineering and Management Services Company, Inc., S. O. O'Brien.

1.4 COMPUTER FACILITY

The TAPMRG processor runs on a DEC PDP 11/70 computer system under the IAS operating system. It is implemented in the USDA FAS computer facility in Houston, Texas.

1.5 REFERENCES

1.5.1 DEC-11-LMFUA-B-D Fortran IV User's Guide

1.5.2 DEC-11-LFSMA-A-D RSX-11D Fortran Special Subroutines Reference Manual.

2. DESCRIPTION

2.1 PURPOSE

The purpose of TAPMRG is to merge or copy data files from one tape to another. Both input and output tapes are created foreign, non-Files 11 (DEC).

2.1 USAGE

The TAPMRG processor is set up to run as a batch job. The input will be one or more foreign generated tape files. These files may be added to another tape or copied to a new tape.

3. INPUT

3.1 TYPES OF INPUT

3.1.1 TAPE

Any foreign generated tape file with no record exceeding 4000 bytes.

3.1.2 DISK

None

3.1.3 CARDS

The processor requires the following system control and data cards. See figure 1 for example:

Col 1

↓

```
$JOB ERLYWARN2 TAPMRG 100
$MOV/FOR MM: TAPE1 XX1:
                  TAPE1 = tape to be written on (output)
$MOV/FOR MM: TAPE2 XX2:
                  TAPE2 = tape files to be read from (input)
$ASSIGN XX1: 1
$ASSIGN XX2: 2
$RUN TAPMRG
N = 2 digit value for the number of files already written on TAPE1
      (for the copy procedure this value should be zero and TAPE1 should
      be a scratch tape).
```

M = 2 digit value for the number of the first file on TAPE2 that is
to be added to TAPE1 (for the copy procedure this value should
be 1).

L = 2 digit value for the number of files from TAPE2 to be copies to TAPE1
(for the copy procedure this value should be the total number of files
on TAPE2).

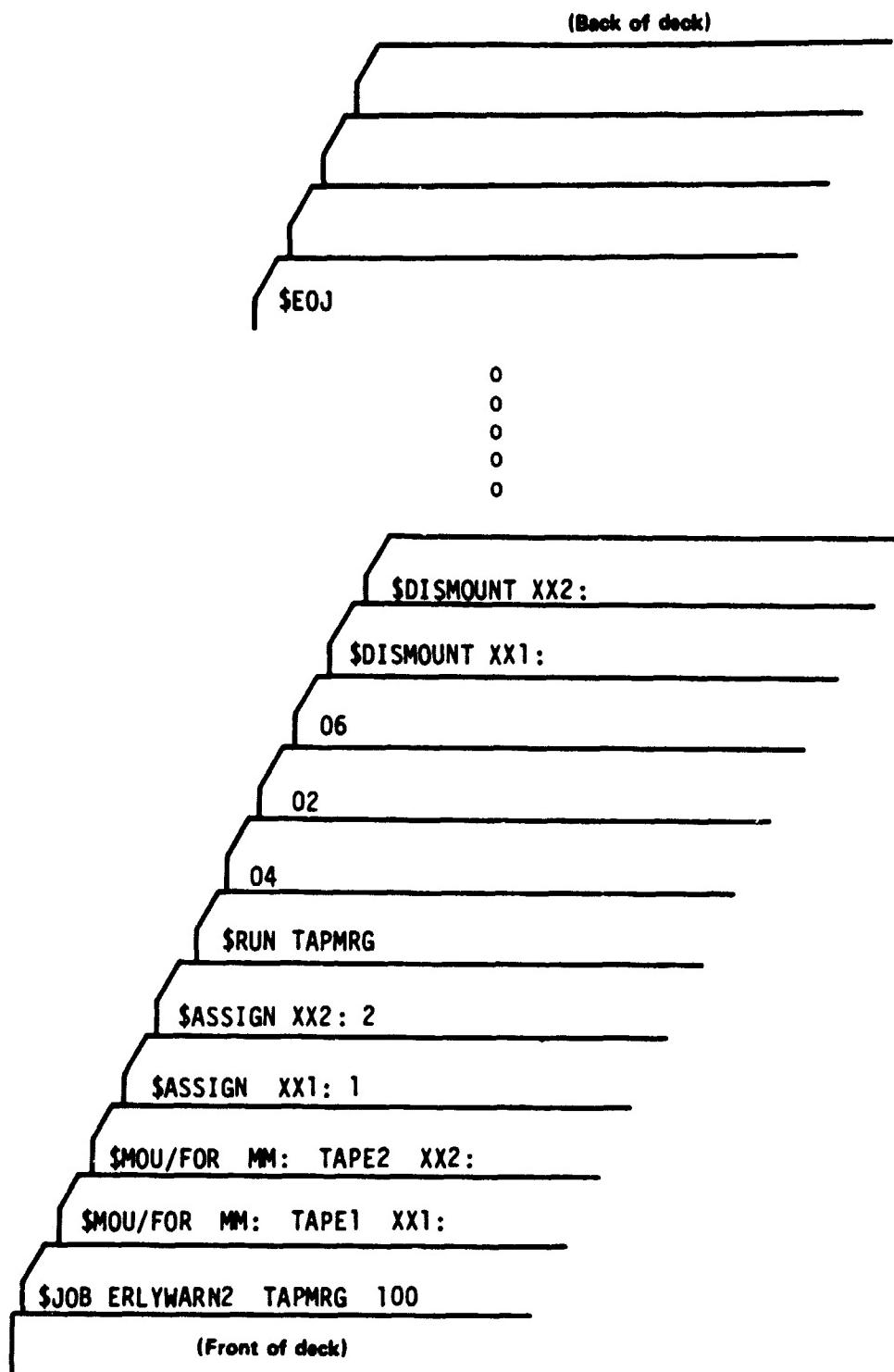


Figure 1
Sample Deck Setup

4. PROCESSING

4.1 INTERACTIVE

Not applicable

4.2 BATCH

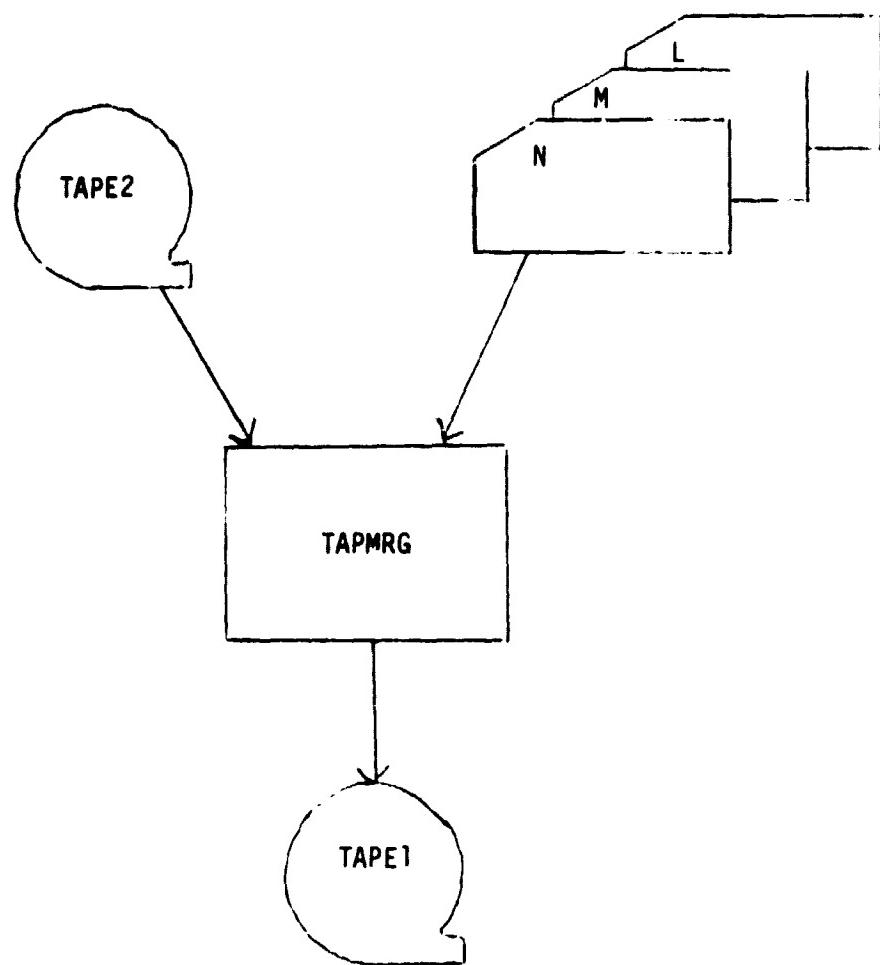
The user must submit the deck of cards as described above with a Batch Job Request form. The request form is as follows:

BATCH JOB REQUEST	NAME: S. O. O'Brien	DATE SUBMITTED 7/24/80
REQUEST INSTRUCTIONS: Please mount TAPE1 with a write ring in it on one drive. Mount TAPE2 on the other drive. Run job.		
COMPLETION DATE	OPERATOR	

FASRS-104 (1-79)

NASA-JSC

4.3 PROCESSING FLOW



5. OUTPUT

5.1 TYPES OF OUTPUT

5.1.1 TAPE

Foreign tape files with no records in excess of 4000 bytes in length.

5.1.2 DISK

N/A

5.1.3 PAPER

No printer output unless a tape error is encountered and the job is aborted.

6. SPECIAL INSTRUCTIONS OR RESTRICTIONS

None

NASA-JSC